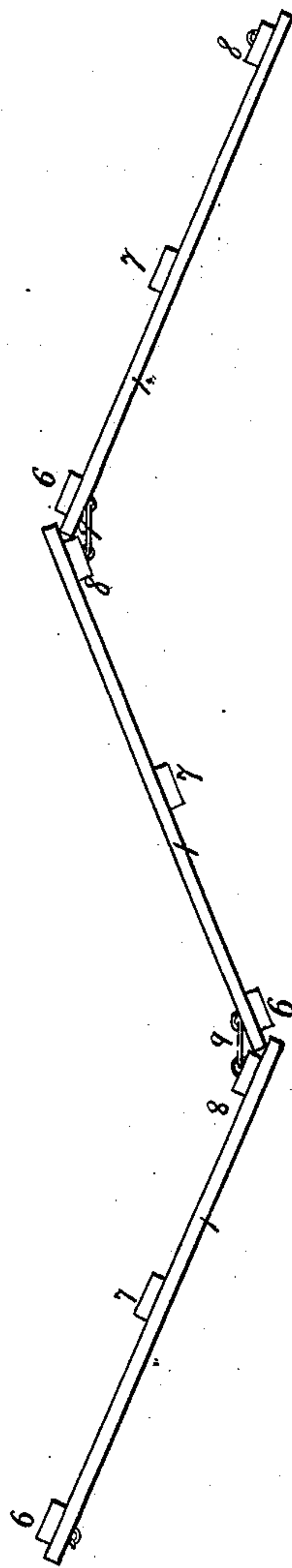
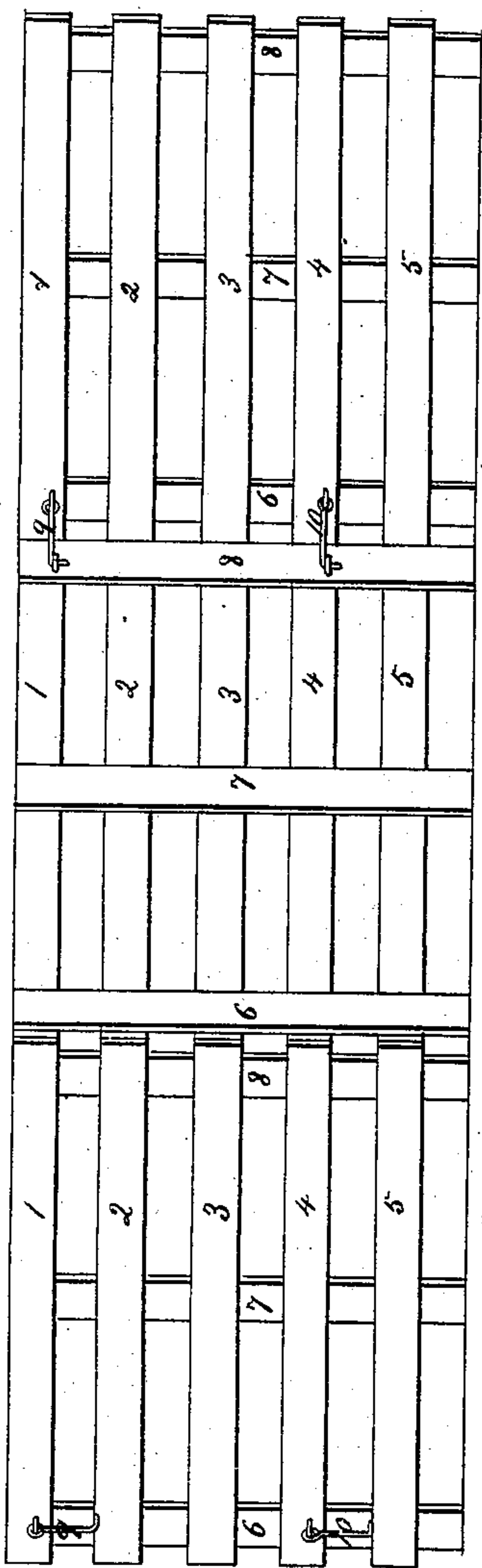


O.H.P. Orendorff,

Portable Fence,

No 33,792,

Patented Nov. 26, 1861.



Witnesses.

Henry J. Weston  
Mary C. White.

Inventor.

O.H.P. Orendorff  
By Thos. M. Law Atty

# UNITED STATES PATENT OFFICE.

O. H. P. ORENDORFF, OF BLOOMINGTON, ILLINOIS.

## IMPROVEMENT IN PORTABLE FIELD-FENCES.

Specification forming part of Letters Patent No. 33,792, dated November 26, 1861.

*To all whom it may concern:*

Be it known that I, O. H. P. ORENDORFF, of Bloomington, in the county of McLean and State of Illinois, have invented an Improvement in Portable Field-Fences, the construction and operation of which I have described in the following specification and illustrated in its accompanying drawings with sufficient clearness to enable competent and skillful workmen in the arts to which it pertains or is most nearly allied to make and use my invention.

My said invention consists in the construction and arrangement of parts in relation to each other in the manner hereinafter described for joining the panels, by which I secure a firm and substantial junction of the ends of the panels, as hereinafter more fully set forth.

In the accompanying drawings, Figure 1 is a side elevation of my improved fence. Fig. 2 is a plan of it.

The panels are first constructed by nailing or otherwise securing the bars 1, 2, 3, 4, and 5 to the posts 6, 7, and 8, the end posts being nailed a little back from the ends of the bars so as to allow the bars to project a short distance beyond them, as shown in the drawings. Hooks 9 and 10 are secured to one end of the rails of each panel, as shown, and staples correspondingly secured in the posts at the other end, as represented, the hooks and staples being so arranged as to connect with each other and secure the fence in position when the parts are set up in the position shown in the drawings. It will be observed that the ends of the rails of the panels to which the hooks are attached fit into the angle formed between the posts and the overlapping ends of the rails of the next panel, and the hooks having been hooked into the staples hold the fence firmly in position, making one panel give substantial support to the other in such a manner that nothing short of an absolute rupture of the parts can deprive one of them of the support of the other. The angular position in which the parts are set adds to the security of this arrangement by relieving the hooks of a considerable portion of the strain which would be otherwise thrown upon them, as the pressure of the wind or other force so bears upon the parts as to a certain extent to throw or force this angular

joint together at one end of the panel, while having a tendency to separate the joint at the other. The effect of force applied in one direction is very much the same as the effect of similar force applied in the opposite direction, and by means of the combination of this angular joint with the hooks the fence is constructed, which is capable of being set up or removed with the utmost possible facility, and yet is so firmly connected as to be capable of resisting a greater strain than almost or quite any other portable fence, as the parts cannot be forced out of their junction without either forcing the hooks or staples from their sockets, or splitting the bars from the posts.

I am aware that in several fences hooks have been employed to unite the panels, or the contiguous posts which form a part of said panels. I make no claim to the use of hooks and staples in joining the posts of a fence, nor do I claim causing one panel to abut against the end or side of another panel, either when this feature is separately considered or when it is combined with the use of hooks and staples to unite the panels; but I am not aware that in any case the panels have been joined by making the rails of each panel overlap the posts, and the panels interlap into each other by the rails of one panel entering the angle formed between the overlapping rails of the next panel and the posts to which they are fastened, and securing them there by hooks and staples, as I have described.

I claim as my invention—

Making the panels of a portable fence in such a way that the end posts thereof shall set back from the end of the rails, leaving the ends of said rails projecting past the posts a short distance, thereby forming an angle into which the end of the adjoining panel may enter, then uniting the panels by inserting the end of one panel into the angle formed as above described, and fastening the panels when thus united by hooks and staples attached to the same, the whole being constructed and arranged as and for the purposes above described.

O. H. P. ORENDORFF.

Witnesses:

JOHN M. STILWILL,  
J. R. HALDEMAN.